

WHAT IS CLAIMED IS:

1. A roll apparatus provided at a continuous caster for transferring a cast piece to a predetermined location comprising:

at least three divided rolls arranged to align concentrically and in an axial direction thereof to constitute a roll forming a cast piece transfer path, wherein at least one end portion of at least of the divided rolls is supported by a cylindrical roller bearing of a full roller type.

2. The roller apparatus according to claim 1, wherein the roll includes an upper forming roll and a lower forming roll each including at least three pieces of divided rolls having difference length in the axial direction, respectively, the upper forming roll and the lower forming roll are opposed to each other in a thickness direction of the cast piece, and

an arrangement of the divided rolls of the upper forming roll and an arrangement of the divided rolls of the lower forming roll are made difference from each other.

3. The roller apparatus according to claim 1, wherein a plurality of the rolls are arranged in a direction of transferring the cast piece.

4. The roller apparatus according to claim 1, wherein end portions of all divided rolls are supported by cylindrical roller bearings of the full roller type.

5. The roller apparatus according to claim 1, wherein each of the divided rolls is supported by an independent cylindrical roll bearing.

6. The roller apparatus according to claim 1, wherein the cylindrical roller bearing includes an outer ring member with a flange supported by a roll supporting apparatus, an inner ring member arranged on an inner side of the outer ring member in a diameter direction thereof concentrically therewith and externally fitted to an end portion of the divided roll, and a plurality of pieces of cylindrical rollers rollably arranged between the outer ring member and the inner ring member.